Index of Claims

| Application/ | Control No. |
|--------------|-------------|
|--------------|-------------|

09/912,721

Examiner

JOHN J. LEE

Applicant(s)/Patent under Reexamination

CHEN ET AL.

Art Unit

2618

Rejected Allowed

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | <u> </u> | | | | J | | | _ | | | | . | | | | j | Щ. | Щ. | _ | _ |
|--------------|----------|--------------|----------|----------|--|--------------|--------------|----------|--------------|--|----|----------|-----------|--------------|-----------|---|----------|--|--------------|-----------|--|---|
| Cla | im | Т | | | | Dat | | | | | 1 | Cla | aim | · | | | _ | Date | | | | _ |
| UI OIE | | ١, | П | _ | Τ- | | Ť | Т | Т | Т | 1 | Cir | | ╌ | \neg | | Γ. | | Ī | Г | Т | Т |
| - | Original | // | | | | | | | | l | | m . | Original | | | | | | | | | l |
| Final | rigi | 18 | | | | | | | | 1 | ŀ | Final | ij | | - 1 | | | | | l | | l |
| - | Ō | 01 | 1. | | | | | | | | | - | Ō | 1 | - 1 | | | | | | | l |
| - | 1 | | | \vdash | \vdash | \vdash | | H | \vdash | 1 | 1 | _ | 51 | \vdash | \dashv | | - | ┰ | _ | | | t |
| - | 2 | 0 | | \vdash | ┼─ | | | \vdash | | | 1 | <u> </u> | 52 | | \dashv | | | \vdash | | | \vdash | t |
| | 3 | 0 | \vdash | H | | ┢ | | H | | | 1 | | 53 | 1 | \dashv | | \vdash | - | ┢ | | ┢ | t |
| | 4 | Ō | Н | Н | T | T | \vdash | ┢ | | \vdash | 1 | | 54 | | _ | | t | | | - | t | t |
| | 5 | ŏ | | \vdash | t | \vdash | ļ . | | | | 1 | · · · · | 55 | | \neg | | | | | | T | t |
| | 6 | Ö | | ┢ | | | _ | | \vdash | | 1 | | 56 | | \exists | | | | | | | t |
| | 7 | Ŏ | | Т | T | t | | | | | 1 | | 57 | | \neg | | \vdash | | | | Т | t |
| | 8 | 0 | \vdash | Т | T | T | | | \vdash | \vdash | ١. | | 58 | | ヿ | | | 1 | | | Г | t |
| | 9 | 0 | | Г | T | | İ | | Г | | 1 | | 59 | | ヿ | | | | | | Г | t |
| | 10 | 0 | | | | | | | | | | | 60 | | | | | | | | | T |
| | 11 | 0 | | Т | | | | Г | \vdash | | 1 | | 61 | | ヿ | | | | | | Г | t |
| | 12 | O | | Г | | | | Г | Π | _ | 1 | | 62 | | コ | | | | | | | T |
| | 13 | V | | | Τ | | | | Π | | 1 | | 63 | | ヿ | | | | | | | T |
| | 14 | マ | \Box | | | | T | | | | 1 | | 64 | | | | | <u> </u> | Г | | | Ť |
| | 15 | ∇ | | Г | T | | _ | Π | | | 1 | | 65 | | \neg | | | | | | | T |
| | 16 | シ | 1 | | 1 | | | Г | | | 1 | | 66 | | ヿ | | | | | Г | | Ť |
| | 17 | 0 | | | | | | | | | 1 | | 67 | | | | | | | | | T |
| | 18 | 0 | | П | | | | | | | 1 | | 68 | | \neg | | | | | | | T |
| | 19 | V | | П | | | | | | | 1 | | 69 | | \neg | | | | | | | T |
| | 20 | V | r- | Γ | Г | Г | Γ | Π | Г | | 1 | | 70 | | \neg | | | | | | | Ť |
| | 21 | O | | | | | ļ | Г | | | | | 71 | | T | | | | | | Г | T |
| | 22 | 0 | | | | | | | | | | | 72 | | | | | | | | | Γ |
| | 23 | 0= | | | | | | | | | Ì | | 72 73 | | | | | | | | | Ī |
| | 24 | \checkmark | | | | | | | | |] | | 74 | | | | | | | | | Γ |
| | 25 | 000 | | | | | | | | | | | 75 | | | | | | | | | Γ |
| | 26 | 0 | | | | L | L | _ | | | | | 76 | | | | | | | | | L |
| | 27 | V | | | L | | L | L | | | | | 77 | | | | | | | | | I |
| | 28 | 00 | | | | L | | | | L | | | 78 | | | | | | | | | L |
| | 29 | | | | | L | L | | | | | | 79 | | \perp | | | | | | | L |
| | 30 | 0 | _ | | L | L | | | | | | | 80 | | \sqcup | | | | | | | L |
| | 31 | \bigvee | | _ | L | <u> </u> | 乚 | <u> </u> | <u> </u> | | | | 81 | | Ц | | | L | | Ш | | L |
| | 32 | Ô | | | L | L | | | L | | | | 82 | | \dashv | | | _ | | | _ | L |
| | 33 | ೦೦ | | | $ldsymbol{ld}}}}}}$ | L | | | | | | | 83 | | _ | | | | | | | L |
| | 34 | _ | | <u> </u> | 乚 | <u> </u> | <u>L</u> | <u> </u> | | | | | 84 | | _ | | _ | Ш. | | Ш | _ | L |
| \sqcup | 35 | Q | Ш | | Ц | L | <u> </u> | | | | | | 85 | | | | | | Щ | | _ | L |
| \sqcup | 36 | 0 | Ш | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | | | 86 | | _ | | _ | Щ | $oxed{oxed}$ | Щ | L_ | L |
| | 37 | 0 | _ | _ | ļ | <u> </u> | <u> </u> | <u> </u> | | | | | 87 | \perp | _ | | | | Ш | Щ | | L |
| | 38 | 0 | | _ | _ | _ | <u> </u> | <u> </u> | | | | | 88 | | _ | | <u> </u> | L., | Щ | Щ | <u> </u> | L |
| <u> </u> | 39 | 0 | _ | | | <u> </u> | <u> </u> | | | | | | 89 | _ | _ | | | | | Щ | <u> </u> | L |
| | 40 | 0 | Ш | | | _ | _ | <u> </u> | <u> </u> | | | | 90 | _ | 4 | | | L_ | | Щ | <u> </u> | L |
| \vdash | 41 | 0 | \vdash | | Ш | \vdash | <u> </u> | <u> </u> | _ | | | | 91 | _ | _ | | | | \Box | Щ | | ļ |
| \vdash | 42 | V, | | | | <u> </u> | <u> </u> | <u> </u> | | | | | 92 | \dashv | \dashv | | | Щ. | Щ | | <u> </u> | L |
| | | \bigvee | _ | | | <u> </u> | <u> </u> | <u> </u> | \vdash | | | | 93 | \dashv | 4 | _ | | \square | Щ | | <u> </u> | 1 |
| | 44 | V | | <u> </u> | \vdash | \vdash | <u> </u> | ļ | <u> </u> | | | | 94 | _ | \dashv | | | | \vdash | \sqcup | <u> </u> | L |
| | 45 | マ | | | <u> </u> | L | | L | | | | | 95 | _ | 山 | | | | Щ | \sqcup | <u> </u> | L |
| | 46 | ٥ | Ш | <u> </u> | | | <u> </u> | <u> </u> | <u> </u> | | | | 96 | _ | 4 | | | | Ш | \sqcup | <u> </u> | L |
| \vdash | 47 | ۵ | Щ | | <u> </u> | \vdash | <u> </u> | | | | | | 97 | _ | 4 | | | | Щ, | Щ | <u> </u> | L |
| \vdash | 48 | | Щ | | igspace | لـــا | <u> </u> | _ | Щ | | | | 98 | \perp | 4 | _ | | | \Box | | <u> </u> | L |
| L | 49 | - | Ш | | Щ | Ш | <u> </u> | | | | | | 99 100 | | _ | | | | Ш | | <u> </u> | L |
| | 50 | | | | | | | | | | | | | | | | | | | | | |

| Cla | Claim | | | Date | | | | | | | | | | |
|------------------|----------------|----------|----------|--|------------|--|----------------|--|----------------|-----------------|--|--|--|--|
| | | | Γ | Γ | | | | | | | | | | |
| o | Original | | | | | | | | | | | | | |
| Final | ij | | 1 | | | | l | l | | | | | | |
| 1 4 | ō | | | | | | | ŀ | | | | | | |
| | | | ├ | ⊢ | ├- | ├- | - | - | ├ | | | | | |
| | 51 | | | | | ┞ | | | <u> </u> | _ | | | | |
| | 52 | L. | L. | <u> </u> | L | <u> </u> | L. | L. | <u> </u> | ļ | | | | |
| | 53 | | | | | | | | | | | | | |
| | 54 | | | | | | | | | | | | | |
| | 55 | | | | | | | | | | | | | |
| | 56 | | | l | | | | | | | | | | |
| | 57 | | | Γ | | | | | | | | | | |
| . 🗀 | 58 | | | | | | | | | | | | | |
| | 59 | | | | | | | | | T | | | | |
| | 60 | | | | | | | | | | | | | |
| | 61 | | | Т | | | | | | T | | | | |
| | 62 | | | \vdash | | T | | \vdash | | Т | | | | |
| | 63 | | \vdash | \vdash | | \vdash | | | | Н | | | | |
| ļ | 64 | - | | | - | | \vdash | - | | \vdash | | | | |
| | 65 | | - | | \vdash | ₩ | ├— | \vdash | | ⊢ | | | | |
| - | 66 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | | | |
| - | 67 | - | - | ├ | \vdash | | - | | — | ├ | | | | |
| <u> </u> | | <u> </u> | \vdash | <u> </u> | ₩ | 1— | \vdash | <u> </u> | <u> </u> | \vdash | | | | |
| | 68 | _ | <u> </u> | 1 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | . | | | | |
| <u> </u> | 69 | <u> </u> | _ | <u> </u> | | _ | L | _ | _ | L | | | | |
| | 70 | | | _ | | | _ | | | | | | | |
| | 71 72 73 | | | | | | | | | | | | | |
| | 72 | | _ | L. | | <u> </u> | <u> </u> | | L | | | | | |
| | 73 | | L | | <u>L</u> . | _ | | | 匚 | | | | | |
| | 74 75 | | <u> </u> | | | | | | | | | | | |
| | 75 | | | | | | | | | | | | | |
| | 76 | | | | | | | | | | | | | |
| | 77 | | | | | | | | | | | | | |
| | 78 | | | | | | | | | | | | | |
| | 79 | | | | | | | | | | | | | |
| | 80 | | | | | | | | | П | | | | |
| \Box | 81 | | | Т | | | | | | М | | | | |
| | 82 | - | | | T | | | | | Н | | | | |
| \vdash | 83 | | | \vdash | \vdash | \vdash | \vdash | _ | \vdash | \vdash | | | | |
| | 84 | _ | \vdash | | - | | _ | | \vdash | Н | | | | |
| \vdash | 85 | - | | \vdash | \vdash | | \vdash | | - | ├─┤ | | | | |
| \vdash | 86 | <u> </u> | \vdash | | - | | \vdash | | - | \vdash | | | | |
| \vdash | 87 | | - | \vdash | - | - | \vdash | <u> </u> | | \vdash | | | | |
| \vdash | 00 | | \vdash | \vdash | \vdash | | \vdash | | \vdash | $\vdash\vdash$ | | | | |
| \vdash | 88 | | <u> </u> | <u> </u> | ⊢ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | $\vdash\vdash$ | | | | |
| \vdash | 89 | | _ | <u> </u> | <u> </u> | <u> </u> | H | L_ | <u> </u> | $\vdash \dashv$ | | | | |
| | 90 | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L. | Ш | | | | |
| | 91 | | | | | <u> </u> | <u> </u> | <u> </u> | L. | Ш | | | | |
| | 92 | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | <u> </u> | <u> </u> | | L | Ш | | | | |
| | 93 | | | $ldsymbol{ld}}}}}}$ | <u> </u> | | L | | | Ш | | | | |
| | 94 | | | L | L | | | | | | | | | |
| | 95 | | | | L | | | | | | | | | |
| | 96 | | | | | | | | | | | | | |
| | 97 | | | | | | | | | П | | | | |
| | 98 | | | | | | П | | | | | | | |
| | 99 | | | Н | \vdash | \vdash | | _ | _ | \vdash | | | | |
| - | 100 | _ | _ | Ι | Η- | ┝ | \vdash | \vdash | _ | \vdash | | | | |

| Cli | aim | Date | | | | | | | | | | | |
|--------------|---|----------|----------|----------|----------|--------------|--------------|----------|----------|-----------------|--|--|--|
| | | | Γ- | Г | ΤĒ | | Ť | Γ- | T | | | | |
| - | Original | | | | | | | | | | | | |
| Final | ij | | | | | | | 1 | | H | | | |
| ш. | ō | | | | | | ľ | | | | | | |
| | 101 | | \vdash | ├─ | - | ┢ | - | | | \vdash | | | |
| | 101 102 | — | \vdash | ⊢ | | \vdash | \vdash | \vdash | | \vdash | | | |
| | 103 | | | ├ | _ | ⊢ | | | <u> </u> | \vdash | | | |
| | 103 | _ | - | | | | - | _ | - | \vdash | | | |
| | 104 | | | <u> </u> | _ | | | <u> </u> | - | Н | | | |
| | 105 | <u> </u> | | <u> </u> | | <u> </u> | | | | Н | | | |
| | 106 | | L. | <u> </u> | | <u> </u> | | <u> </u> | <u> </u> | | | | |
| | 107 | | - | <u> </u> | | _ | _ | | | Н | | | |
| | 108 | | <u> </u> | | | <u> </u> | _ | _ | ├_ | Ш | | | |
| | 109 110 | _ | _ | <u> </u> | <u> </u> | ┞ | <u> </u> | _ | | Ш | | | |
| | 110 | | | _ | | ⊢ | _ | <u> </u> | <u> </u> | Ш | | | |
| | 111 | | H | <u> </u> | <u> </u> | \vdash | <u> </u> | <u> </u> | <u> </u> | $\vdash \vdash$ | | | |
| | 112 | <u> </u> | Ш | <u> </u> | <u> </u> | - | <u> </u> | <u> </u> | <u> </u> | \sqcup | | | |
| | 111 112 113 114 115 | | Щ | | _ | <u> </u> | <u> </u> | _ | _ | Щ | | | |
| | 114 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | _ | Н | | | |
| | 115 | <u> </u> | H | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | Ш | | | |
| | 116 | | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | Ш | | | |
| | 117 118 | | Щ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \sqcup | | | |
| | 118 | | | _ | | <u> </u> | | | | | | | |
| | 119 | | | | _ | <u> </u> | | _ | _ | | | | |
| | 120 | | | | _ | _ | | _ | _ | | | | |
| | 121 | | | <u> </u> | ļ | | ļ | ļ | <u> </u> | | | | |
| | 122 | | | | <u> </u> | | <u> </u> | <u> </u> | _ | | | | |
| | 123 | | | | | | _ | _ | <u> </u> | | | | |
| | 120 121 122 123 124 125 126 | | | | ├ | | _ | <u> </u> | <u> </u> | | | | |
| | 120 | | _ | - | ╙ | | | _ | | Н | | | |
| | 120 | | | <u> </u> | _ | | - | | | Н | | | |
| | 127 128 129 130 | | | | _ | | | | <u> </u> | $\vdash\vdash$ | | | |
| | 120 | | | | | - | | | | \vdash | | | |
| | 129 | | _ | | - | | - | | | Н | | | |
| | 130 | | | _ | _ | <u> </u> | _ | | - | Н | | | |
| | 131 132 | | - | \vdash | | | - | | | Н | | | |
| | 133 | | | H | \vdash | \vdash | \vdash | \vdash | H | Н | | | |
| | 124 | | | | - | \vdash | \vdash | _ | \vdash | \vdash | | | |
| | 134 135 | \dashv | - | | | | <u> </u> | _ | H | Н | | | |
| | 136 | - | | \vdash | | - | _ | <u> </u> | \vdash | H | | | |
| | 137 | | | \vdash | - | \vdash | - | <u> </u> | | \dashv | | | |
| | 138 | | - | - | | | - | - | - | Н | | | |
| | 130 | | - | - | | | - | | - | Н | | | |
| | 139 140 | - | | H | - | - | | - | | \dashv | | | |
| | 141 | \dashv | \vdash | \vdash | | _ | | | | \dashv | | | |
| | 142 | - | \dashv | Н | | \vdash | | | | \dashv | | | |
| | 143 | | \dashv | \vdash | | <u> </u> | - | | | \vdash | | | |
| | 144 | | | | | | | | | \vdash | | | |
| | 145 | | | | - | - | | | - | \dashv | | | |
| | 146 | \dashv | | \vdash | - | \vdash | | | | - | | | |
| | 147 | \dashv | - | \vdash | | \vdash | | | | \dashv | | | |
| | 148 | | - | \dashv | - | \vdash | | \vdash | | \dashv | | | |
| | 149 | | | \dashv | _ | | | | | \vdash | | | |
| | 150 | | | \vdash | | \vdash | | | - | \vdash | | | |
| | 150 | | ! | | | Ш | | | | ш | | | |